

3 storing abstract data type (ADT) data including a plurality of attribute values in a database
4 server:

5 referring to said database server and holding location information which indicates the
6 location of said ADT data stored in said database server, when retrieving said ADT data; and

7 reading said attribute values using said location information and operating said attribute
8 values, when operating said attribute values contained in said ADT data located by said location
9 information.

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1 37. (Amended) The data processing method according to claim 36, wherein said ADT
2 data retrieved is constituted by a plurality of partial data, and each said partial data is defined by
3 an attribute value including a name and data type declaration.

1 38. (Amended) The data processing method according to claim 37, wherein, during
2 operating said ADT data retrieved, said partial data is extracted from retrieved ADT data.

1 39. (Amended) The data processing method according to claim 37, wherein, during
2 operating said ADT data retrieved, said partial data is stored as part of retrieved ADT data.

1 40. (Amended) The data processing method according to claim 37, wherein, during
2 operating said ADT data retrieved, said partial data of retrieved ADT data is replaced by another
3 partial data.

1 **41. (Amended)** The data processing method according to claim 37, wherein, during
2 operating said ADT data retrieved, said partial data of retrieved ADT data is deleted from said
3 retrieved ADT data.

1 **42. (Amended)** The data processing method according to claim 37, wherein said ADT
2 data retrieved is defined by a member function which contains processing for said partial data
3 in definition of retrieved ADT data.

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1 **43. (Amended)** A data processing method in a database comprising the steps of:
2 inputting a query for data retrieval from a database;
3 retrieving data including a plurality of partial data from said database based on a search
4 condition, and holding position information of retrieved data; and
5 retrieving said partial data of said retrieved data from said database based on said position
6 information so that any of said partial data in said retrieved data is used for processing, control
7 and database operations subsequent to said data retrieval.

1 **44. (Amended)** A database retrieval system comprising:
2 a first server for analyzing queries about a database; and
3 a plurality of second servers connected to said first server by a network, for operating said
4 database,
5 wherein said second servers retrieve data from said database, and said first server
6 processes and controls data retrieved by said second servers, and

7 wherein said first server causes said second servers, upon retrieval of data to return
8 position information about said data as a retrieval result to said first server, and retrieves said
9 data from a second server based on said position information for processing, control and
10 database operations subsequent to the retrieval of said data.

1 49. (Amended) A database system, comprising:
2 a plurality of first servers which operate a database, and which retrieve data from said
3 database; and
4 a second server connected to said first servers, which controls and analyzes queries about
5 said database, including a data retrieval query to retrieve data from selected ones of said first
6 servers, and a sub-data utilization query to retrieve only selected sub-data items from said data
retrieved from a database operation.

REMARKS

Claims 36-53 are pending in this application. Claims 36 and 49 have been amended in several particulars for purposes of clarity and brevity that are unrelated to patentability in accordance with current Office policy, to further and alternatively define Applicants' disclosed invention and to assist the Examiner in expediting compact prosecution of the instant application.

Claims 49-53 have been rejected under 35 U.S.C. §112, second paragraph, as being indefinite. Specifically, the Examiner notes that the word "server" is missing in claim 49. The Examiner's notation is appreciated. Claim 49 has been amended to overcome the rejection.